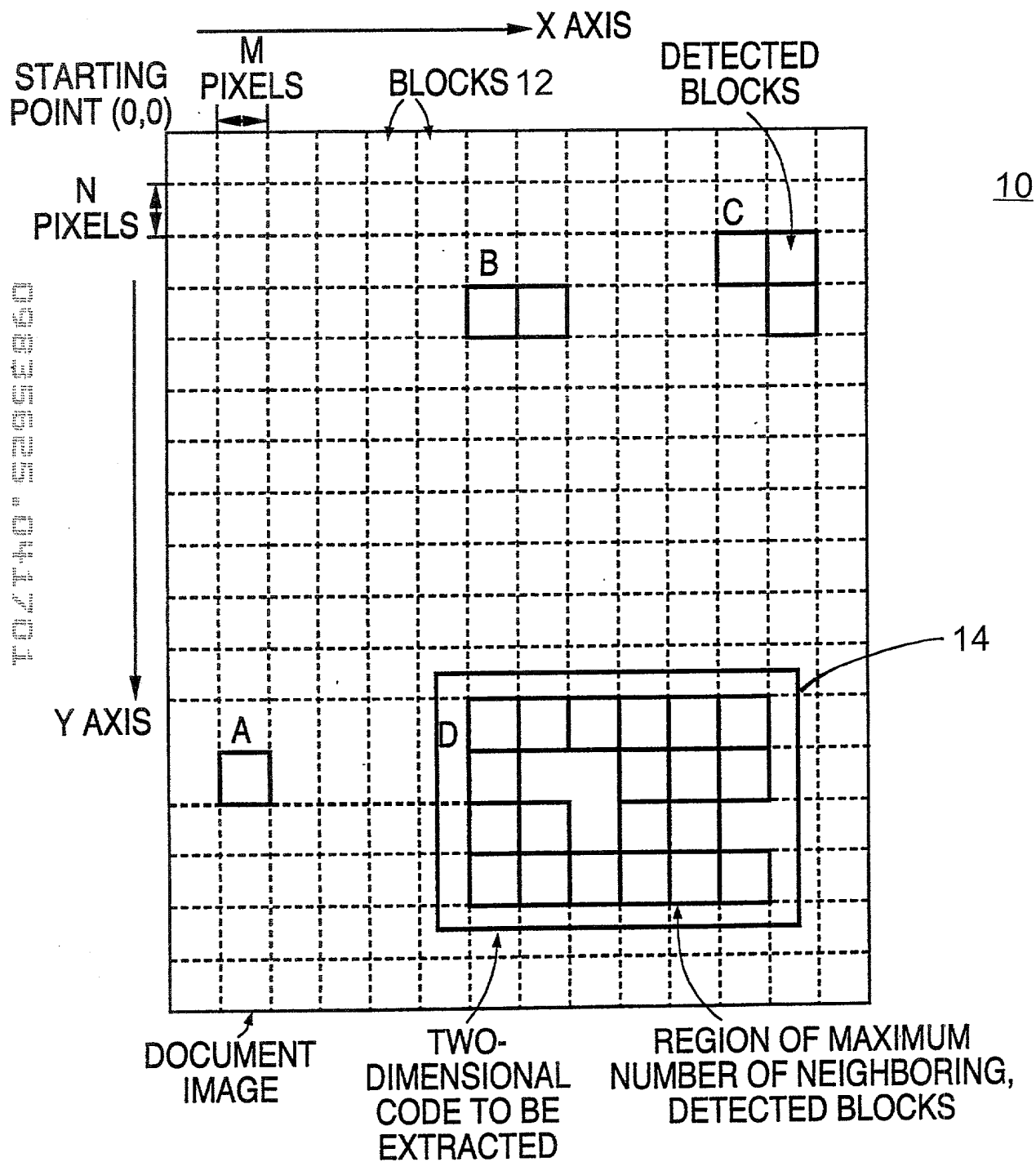


FIG. 1



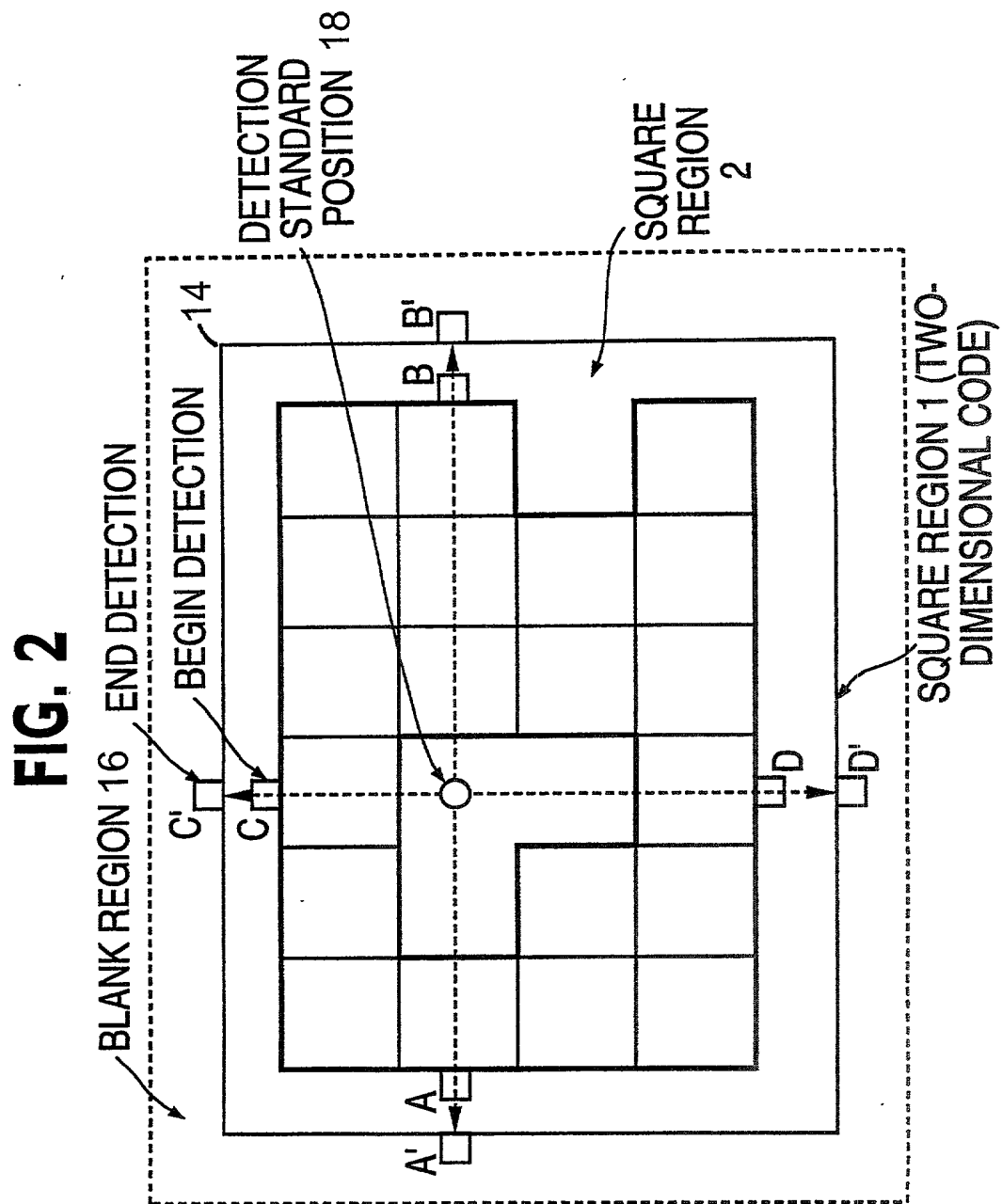


FIG. 3

100

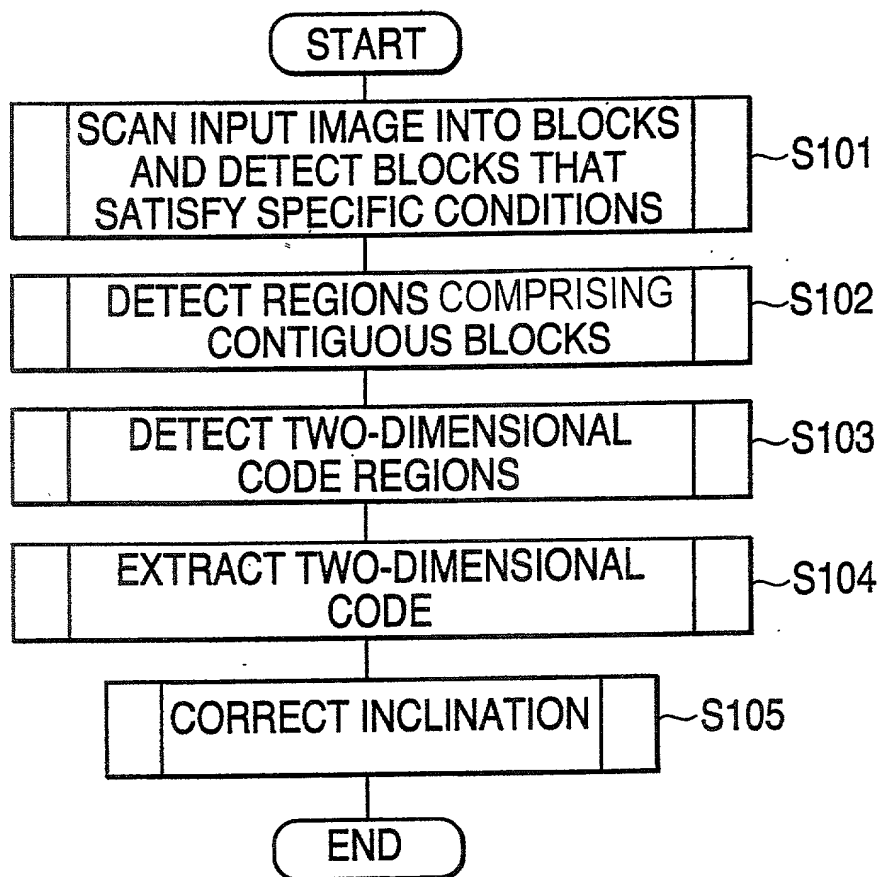
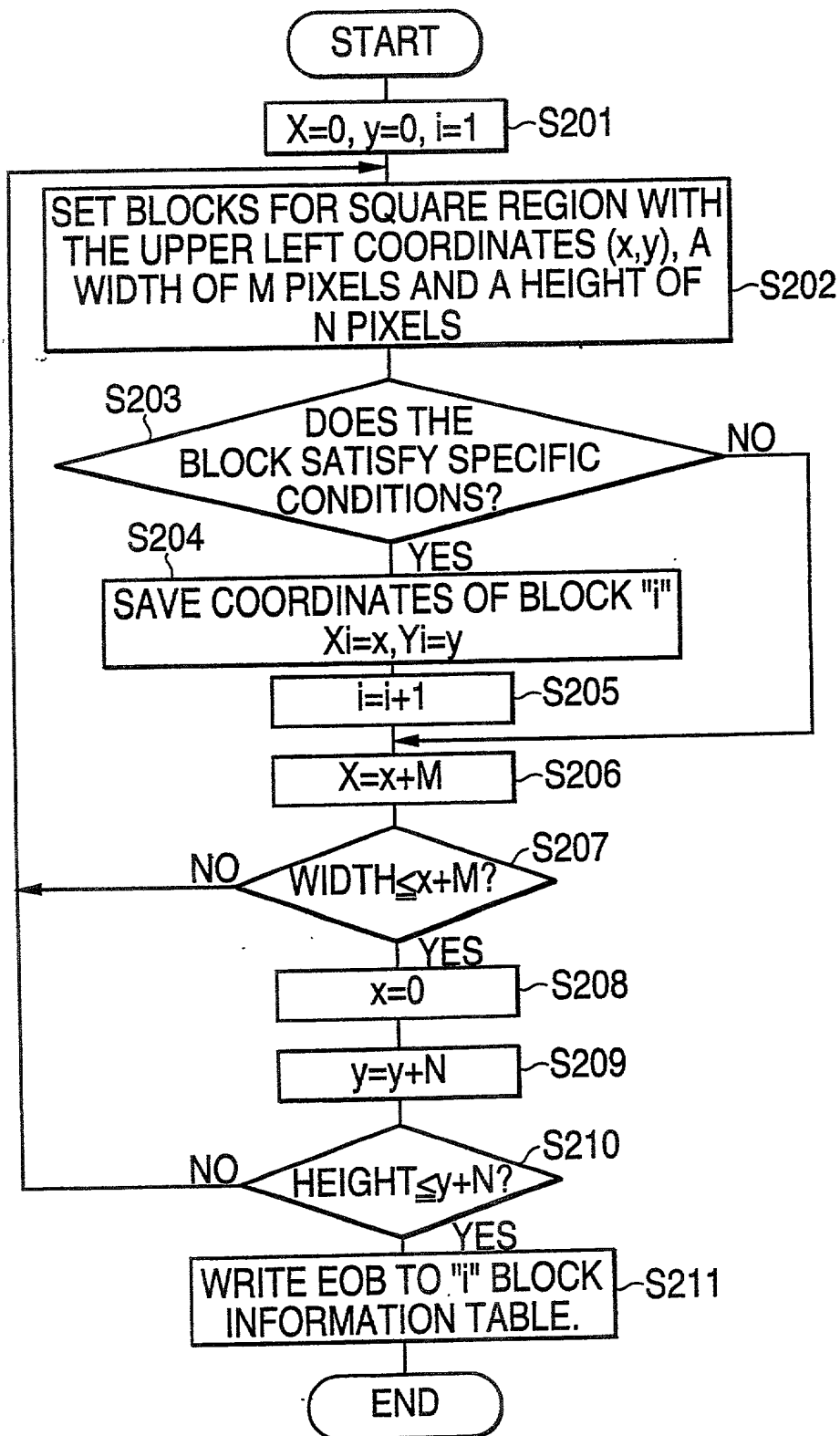


FIG. 4

BLOCK NUMBER	X COORDINATES	Y COORDINATES	CONNECTED BLOCK COUNT	REGION NUMBER
1	X1	Y1	C1	R1
2	X2	Y2	C2	R2
...
i	Xi	Yi	Ci	Ri
...
n	Xn	Yn	Cn	Rn
EOB	-	-	-	-

EOB: END OF BLOCK TABLE,
IDENTIFIERS SHOWING THE END OF THE TABLE

FIG. 5



200

FIG. 6

300

"i" BLOCK NUMBER
"k" REGION NUMBER

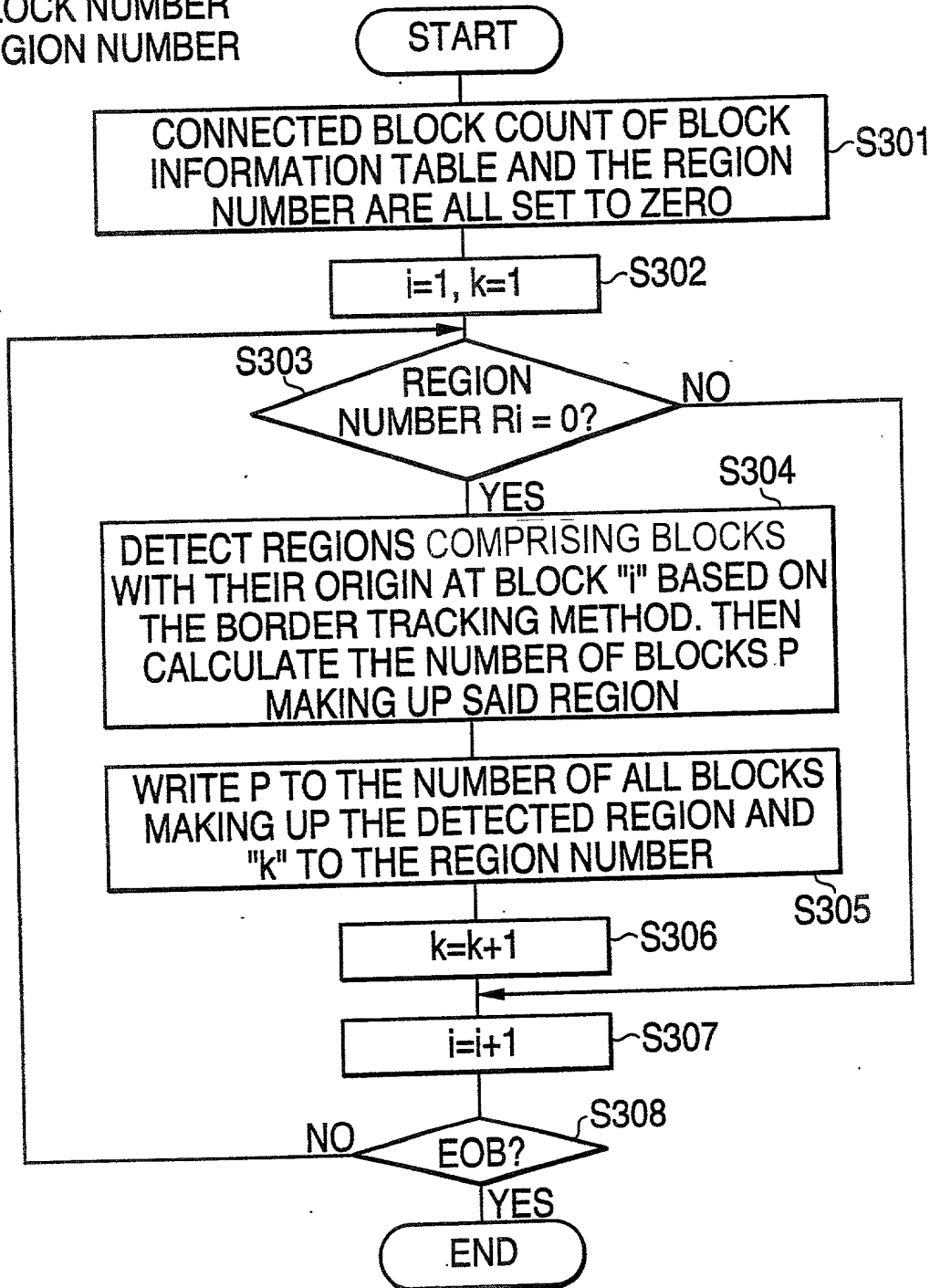


FIG. 7

REGION 1
REGIONS

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K.S. T.N

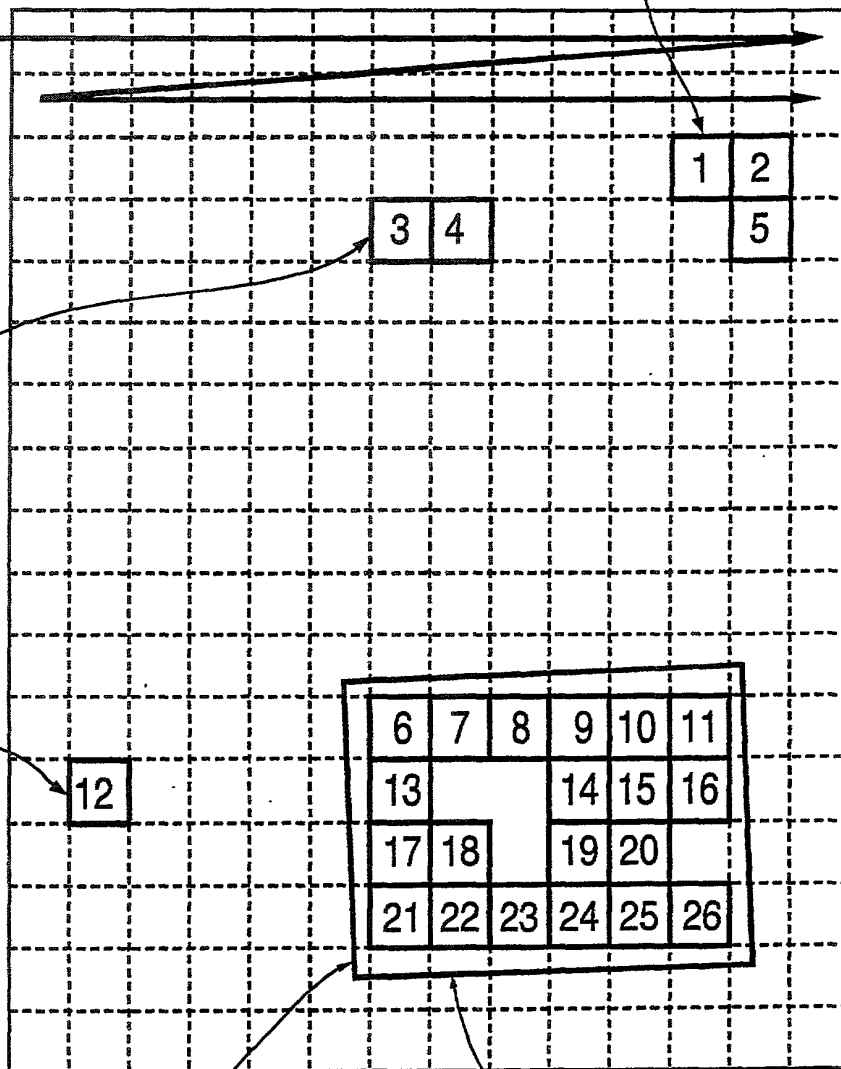
SCANNING
ORDER

10/2/40" 523350

REGION 2

10

REGION 4



TWO-DIMENSIONAL
CODE

REGION 3

FIG. 8

BLOCK NUMBER	X COORDINATES	Y COORDINATES	CONNECTED BLOCK COUNT	REGION NUMBER
1	352	64	3	1
2	384	64	3	1
3	192	96	2	2
4	224	96	2	2
5	384	96	3	1
6	192	352	20	3
7	224	352	20	3
8	256	352	20	3
9	288	352	20	3
10	320	352	20	3
11	352	352	20	3
12	32	384	1	4
13	192	384	20	3
...
26	352	448	20	3
EOB	-	-	-	-

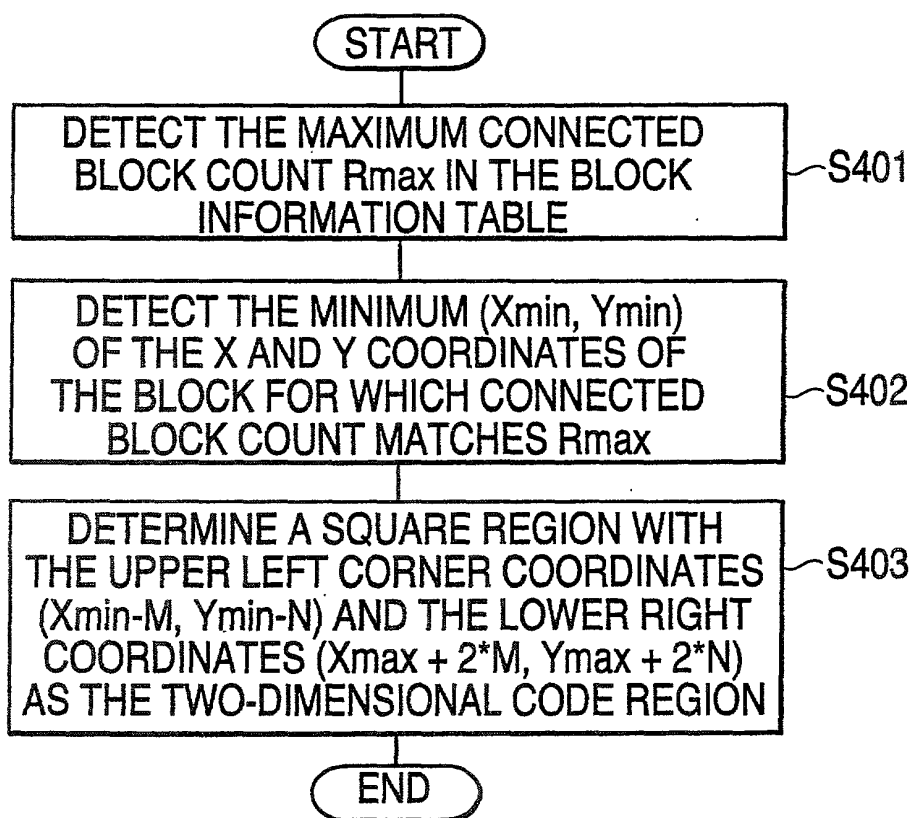


FIG. 10

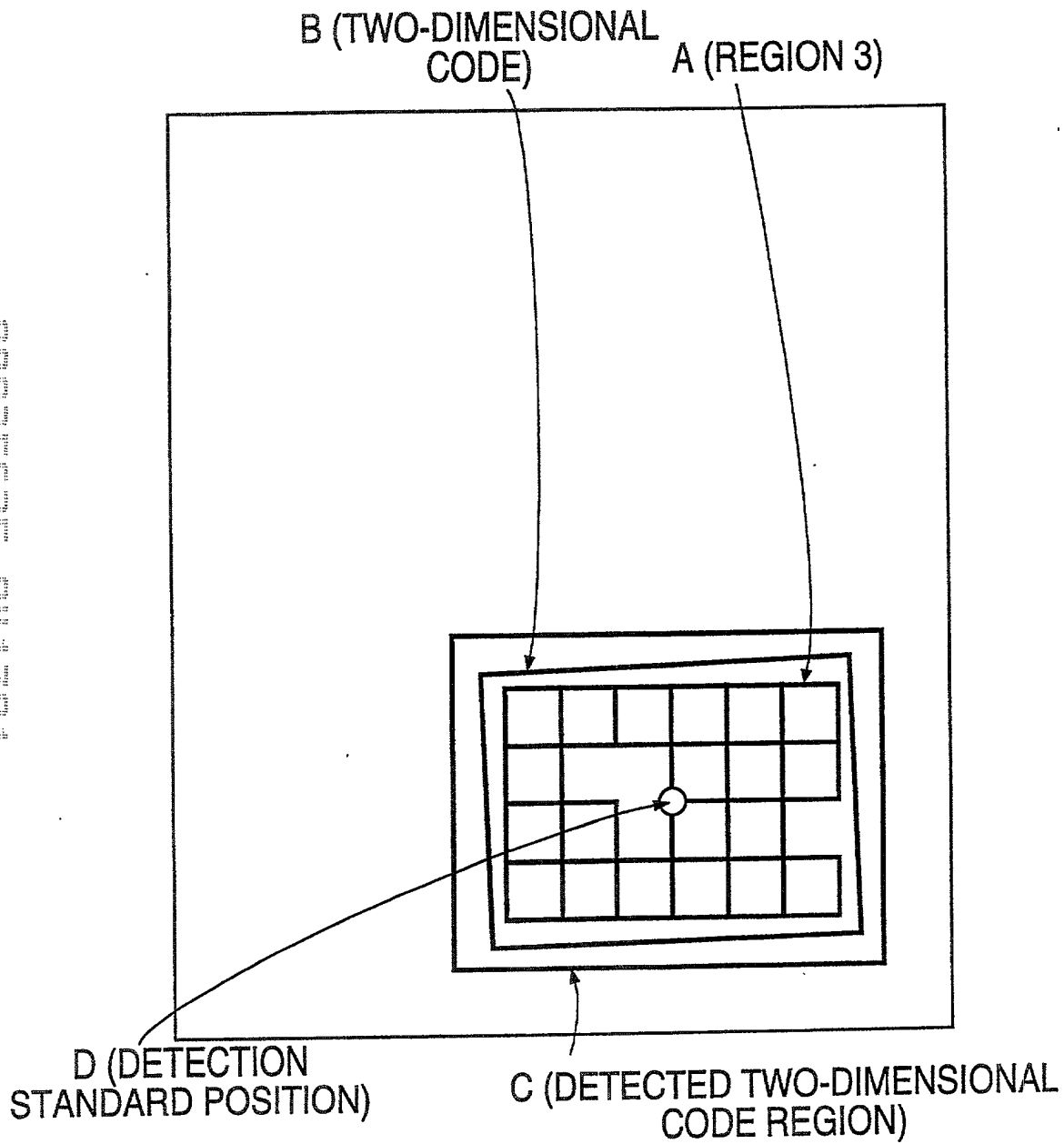


FIG. 11

500

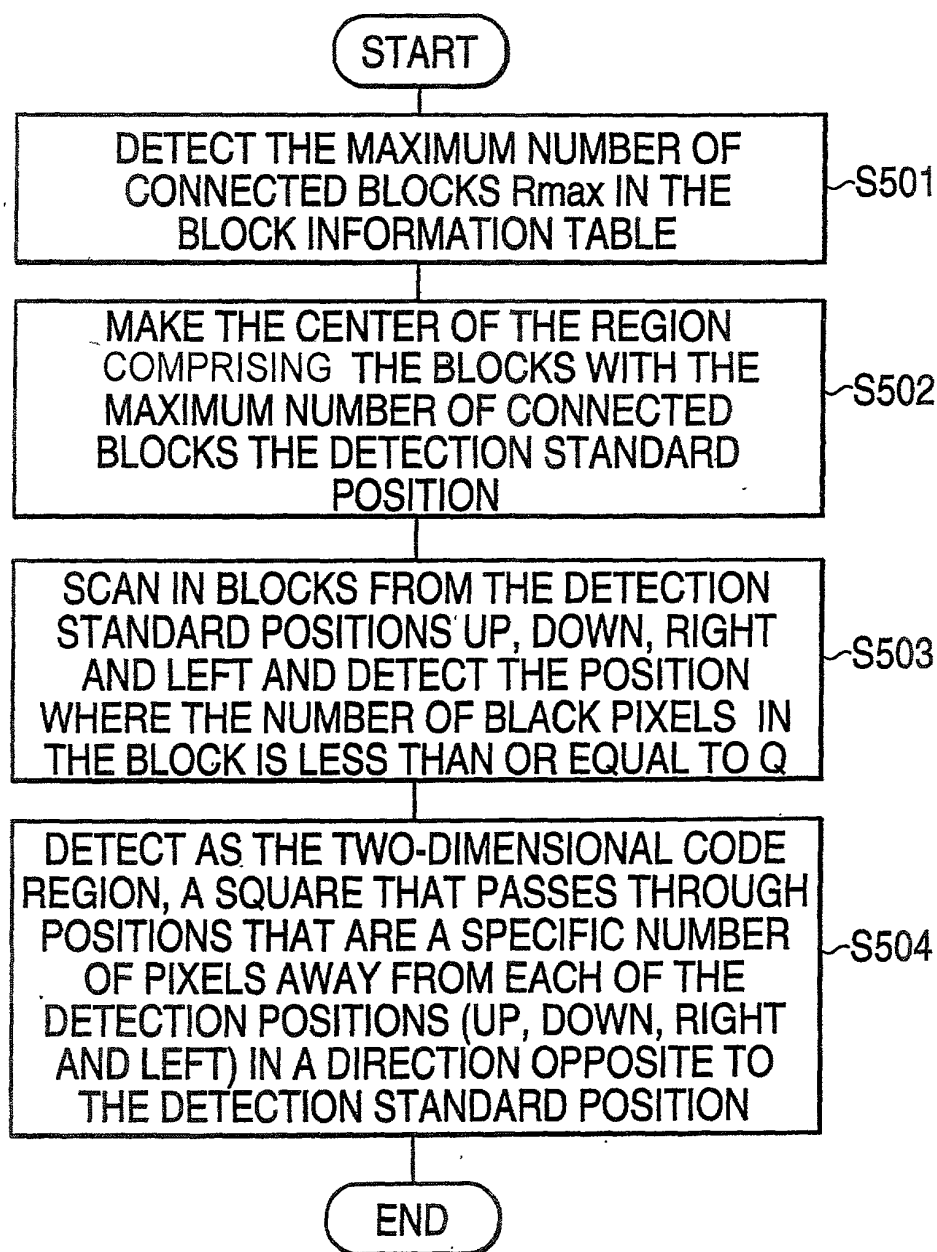


FIG. 12 (A)

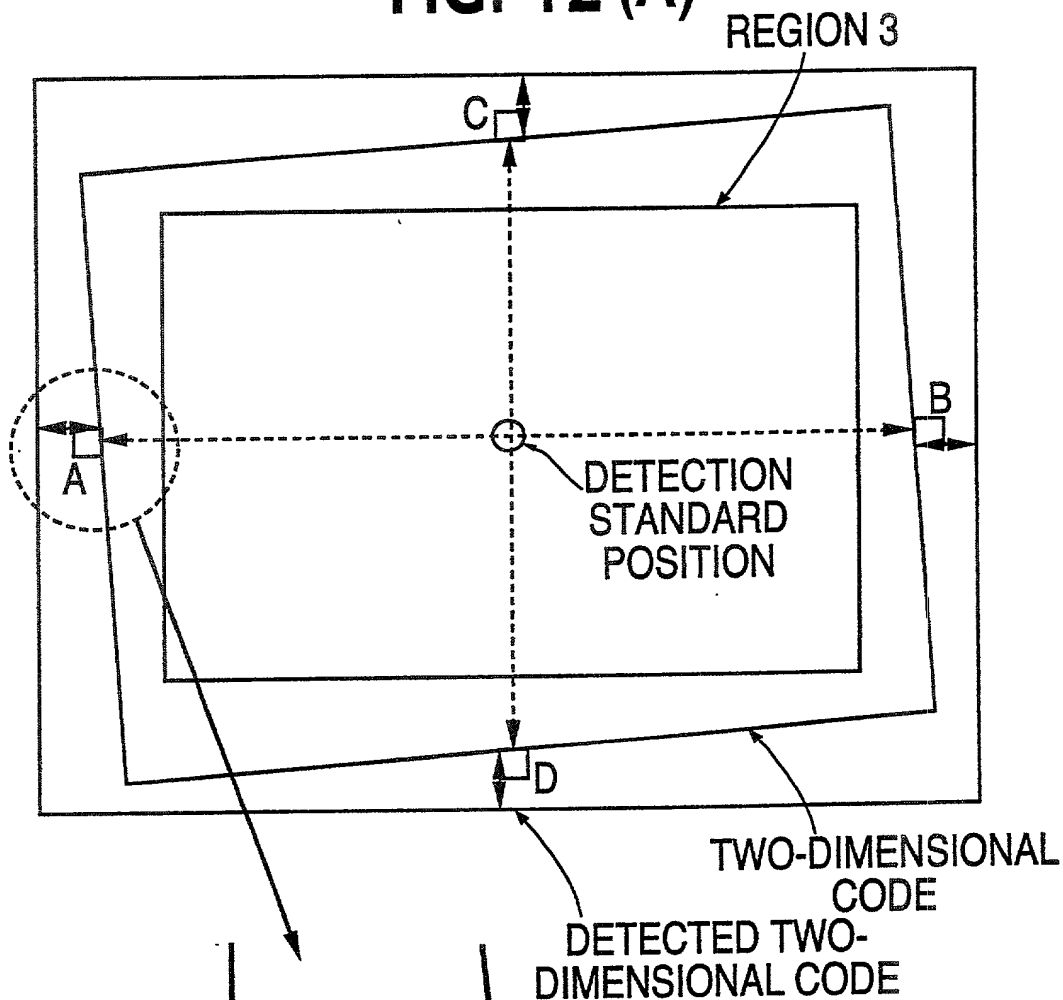


FIG. 12(B)

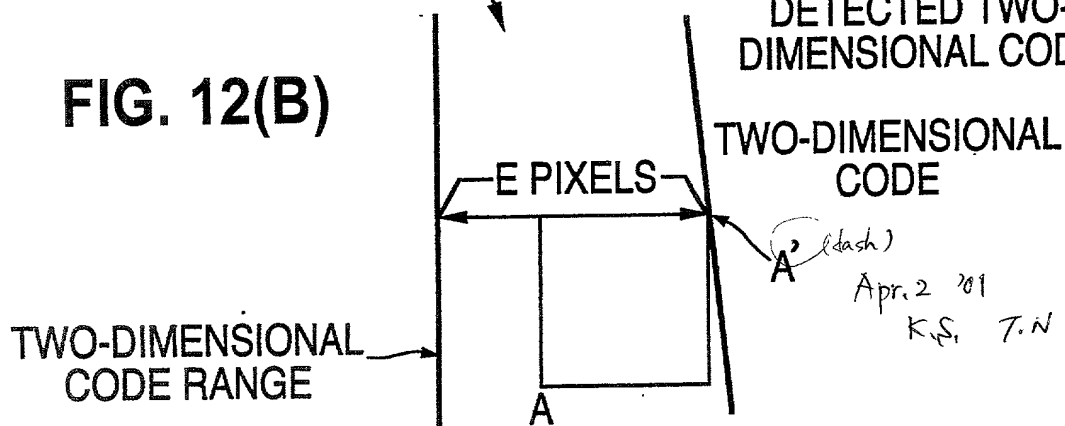


FIG. 13

600

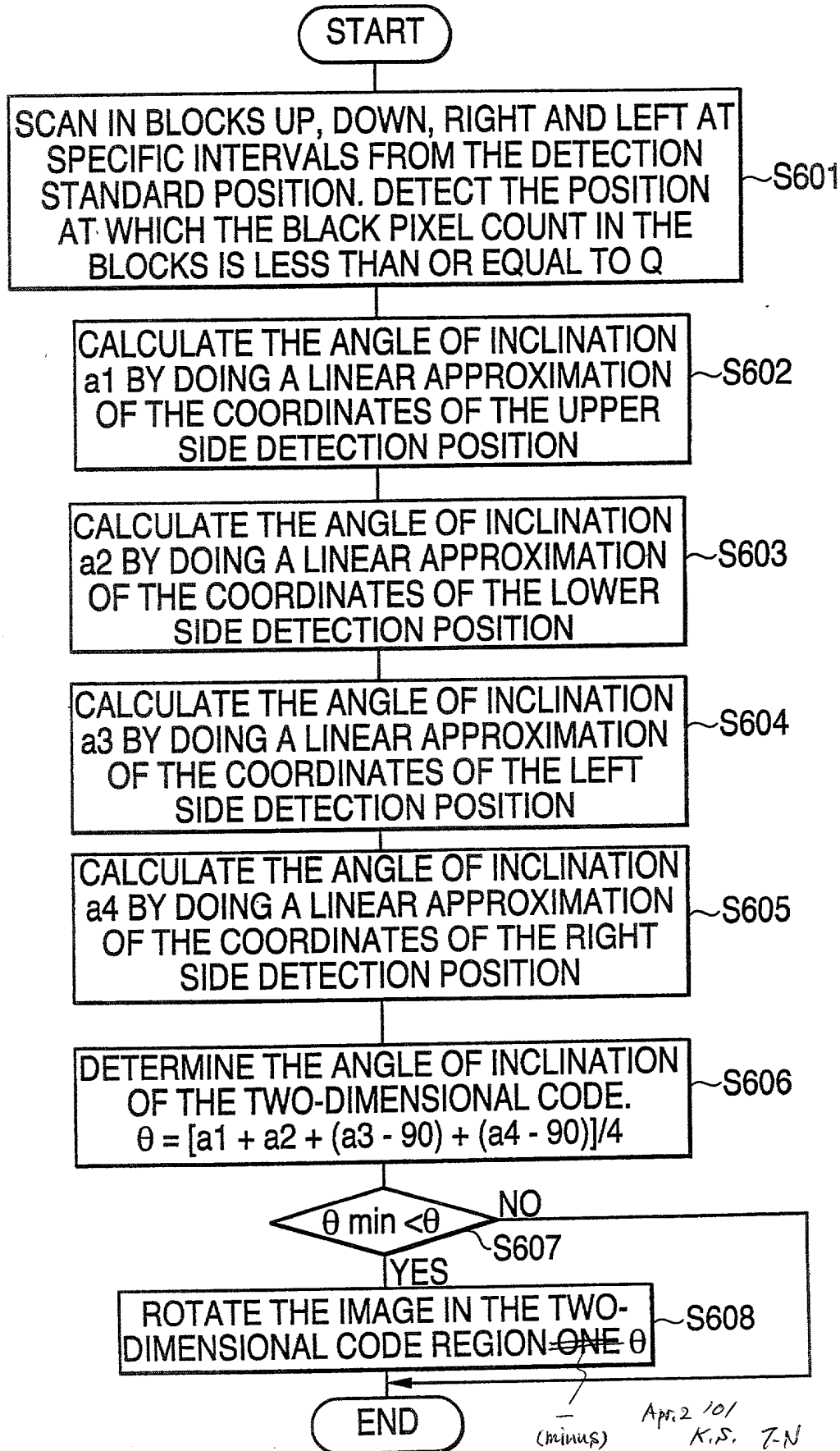


FIG. 14

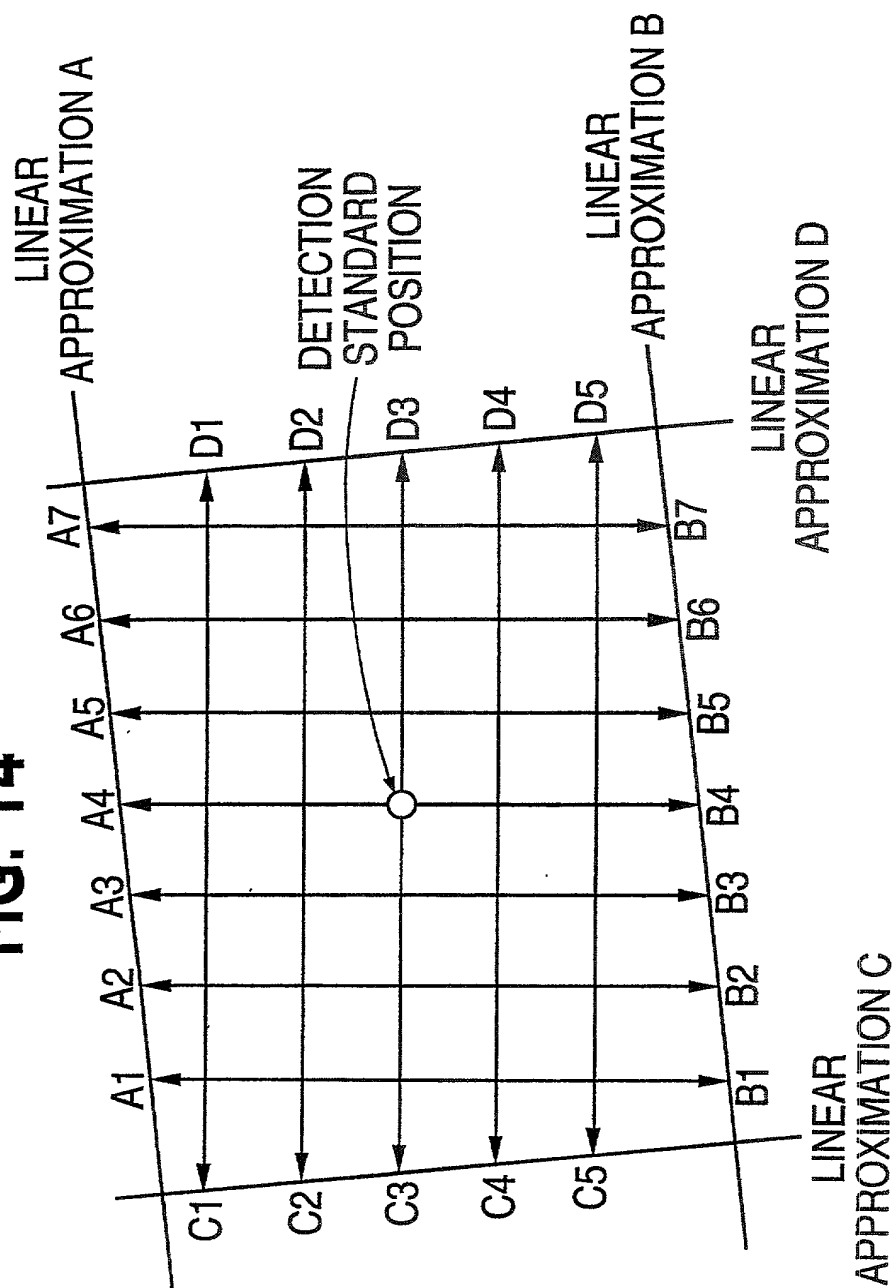
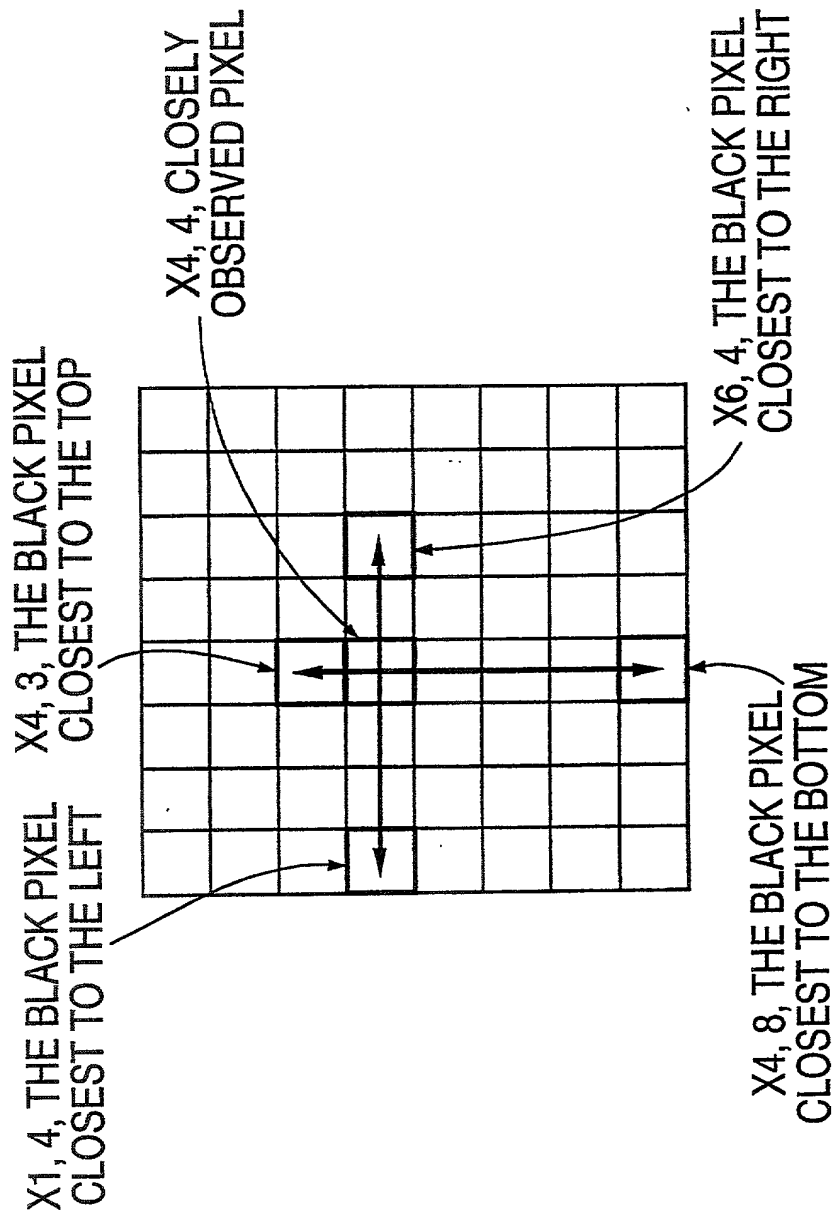


FIG. 15



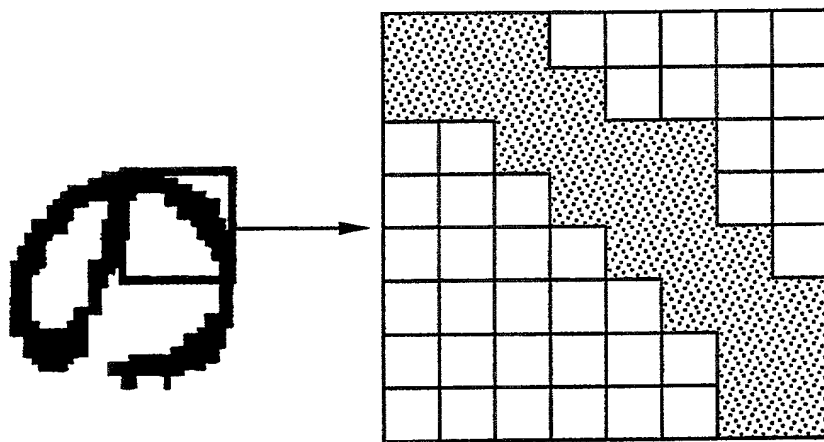


FIG. 16(A) BLACK PIXEL DISTRIBUTION WITHIN TEXT BLOCK

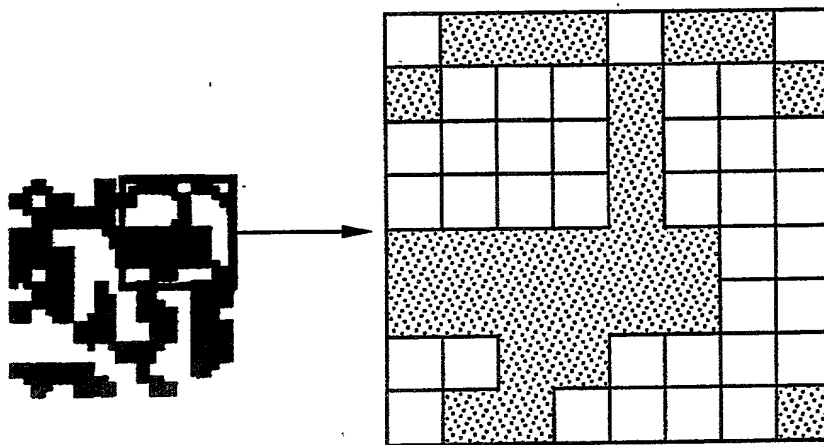


FIG. 16(B) BLACK PIXEL DISTRIBUTION WITHIN TWO-DIMENSIONAL CODE BLOCK

FIG. 17(A)

2	3	2					
2	2	4	2				
		2	4	3	2		
			2	4	3		
				2	4	2	
					2	4	2
						3	3
						2	2

$$\text{DAVG} = 63/24 = 2.6$$

AVERAGE BLACK PIXEL INTERVAL IN A TEXT BLOCK

	5	6	6		6	1	
8				8			9
				2			
				2			
5	6	6	6	4	6		
1	5	4	4	3	2		
		3	2				
	3	7					11

$$\text{DAVG} = 131/27 = 4.9$$

AVERAGE BLACK PIXEL INTERVAL IN A
TWO-DIMENSIONAL CODE BLOCK

FIG. 17(B)

FIG. 18

